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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
5-methylcytosine recognition by <i>Arabidopsis thaliana</i> DNA glycosylases DEMETER and DML3.	Brooks, Sonja C; Fischer, Robert L; Huh, Jin Hoe; Eichman, Brandt F	Biochemistry (2014 Apr 22)	53 / 2525-32	PubMed Citation
A Catalytic Role for C-H/π Interactions in Base Excision Repair by <i>Bacillus cereus</i> DNA Glycosylase A ...	Parsons, Zachary D; Bland, Joshua M; Mullins, Elwood A; Eichman, Brandt F	J Am Chem Soc ()	138 / 11485-8	PubMed Citation
An HPLC-tandem mass spectrometry method for simultaneous detection of alkylated base excision repair ...	Mullins, Elwood A; Robinson, Emily H; Pereira, Kevin N; Calcutt, M; Wade; Christov, Plamen P; Eichman, Brandt F	Methods (2013 Nov)	64 / 59-66	PubMed Citation
Analysis of substrate specificity of <i>Schizosaccharomyces pombe</i> Mag1 alkylpurine DNA glycosylase.	Adhikary, Suraj; Eichman, Brandt F	EMBO Rep (2011 Dec)	12 / 1286-92	PubMed Citation
Differential stabilities and sequence-dependent base pair opening dynamics of Watson-Crick base pair ...	Szulik, Marta W; Pallan, Pradeep S; Nocek, Boguslaw;	Biochemistry (2015 Feb 10)	54 / 1294-305	PubMed Citation

	Voehler, Markus; Banerjee, Surajit; Brooks, Sonja; Joachimiak, Andrzej; Egli, Martin; Eichman, Brandt F; Stone, Michael P			
Excision of 5-hydroxymethylcytosine by DEMETER family DNA glycosylases.	Jang, Hosung; Shin, Hosub; Eichman, Brandt F; Huh, Jin Hoe	Biochem Biophys Res Commun	446 / 1067-72 (2014 Apr 18)	PubMed Citation
Interplay between base excision repair activity and toxicity of 3-methyladenine DNA glycosylases in ...	Troll, Christopher J; Adhikary, Suraj; Cueff, Marie; Mitra, Ileena; Eichman, Brandt F; Camps, Manel	Mutat Res	763-764 / 64-73 (2014 May-Jun)	PubMed Citation
Mechanisms of Theta Plasmid Replication.	Lilly, Joshua; Camps, Manel	Microbiol Spectr	3 / (2015 Feb)	PubMed Citation
Mechanisms of Theta Plasmid Replication.	Lilly, Joshua; Camps, Manel	Microbiol Spectr	3 / (2015 Feb)	PubMed Citation
Non-productive DNA damage binding by DNA glycosylase-like protein Mag2 from Schizosaccharomyces pombe ...	Adhikary, Suraj; Cato, Marilyn C; McGary, Kriston L; Rokas, Antonis; Eichman, Brandt F	DNA Repair	12 / 196-204 (Amst) (2013 Mar 1)	PubMed Citation

Nucleic acid recognition by tandem helical repeats.	Rubinson, Emily H; Eichman, Brandt F	Curr Opin Struct Biol (2012 Feb)	22 / 101-9	PubMed Citation
Random mutagenesis by error-prone pol plasmid replication in Escherichia coli.	Alexander, David L; Lilly, Joshua; Hernandez, Jaime; Romsdahl, Jillian; Troll, Christopher J; Camps, Manel	Methods Mol Biol (2014)	1179 / 31-44	PubMed Citation
Recent advances in the structural mechanisms of DNA glycosylases.	Brooks, Sonja C; Adhikary, Suraj; Rubinson, Emily H; Eichman, Brandt F	Biochim Biophys Acta (2013 Jan)	1834 / 247-71	PubMed Citation
The DNA glycosylase AlkD uses a non-base-flipping mechanism to excise bulky lesions.	Mullins, Elwood A; Shi, Rongxin; Parsons, Zachary D; Yuen, Philip K; David, Sheila S; Igarashi, Yasuhiro; Eichman, Brandt F	Nature (2015 Nov 12)	527 / 254-8	PubMed Citation
Unraveling a connection between DNA demethylation repair and cancer.	Camps, Manel; Eichman, Brandt F	Mol Cell (2011 Nov 4)	44 / 343-4	PubMed Citation